

**INTELLIGENCE DATA HANDLING METHODOLOGY**

**A. Classification By Application**

1. Calculation of Movements and Locations of Known Mobile Objects
2. Calculation of Movements and Locations of Unknown Mobile Objects
3. Calculation of Location of Fixed Objects
  - a. Identifiable by Non-Geographical Characteristics
  - b. Identifiable by Geographical Characteristics
4. Calculation of Quantitative Characteristics of Objects
5. Environmental Calculations
  - a. Weather
  - b. Fall-out
  - c. Nuclear Generated Patterns
  - d. Spectrometric Observations
  - e. Traffic Patterns, etc.
6. Inventory Calculations (log, weapons, etc)
7. Network Problems
  - a. Communication Netting
  - b. Transportation Nets, etc.
8. System Monitoring
  - a. Traffic Analysis
  - b. Space Craft Performance
  - c. Lie Detection
  - d. Bomb Alarm Systems, etc.
9. Control Processing
  - a. A/C Control
  - b. Satellite Control
  - c. Fire Control, etc.
10. System Management
  - a. Collection Management
  - b. EDP System Management
  - c. Library Management
  - d. Dissemination Management, etc.

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11. Cryptanalysis
12. Simulation
13. Language Translation
14. Geographical Calculations
  - a. Mapping & Charting
  - b. Geodesy, etc.
15. Astronomical Calculations
  - a. Space Guidance Calculations
  - b. Stellar Determinations, etc.
16. Image Interpretation
  - a. Photographic
  - b. I. R.
  - c. SLAR
  - d. MIT, etc.
17. Language Processing (Other than Translation)
  - a. Abstracting
  - b. Indexing
  - c. Extracting
  - d. Formatting, etc.
18. Pattern Recognition
  - a. Character
  - b. Lexicographical
  - c. Symbolic
  - d. Trends
  - e. Contour, etc.
19. Document Retrieval (Includes Storage)
  - a. Film Chips
  - b. Film Reels
  - c. Paper Documents (Books, Reports, Messages)
  - d. Charts, etc.
20. Information Storage and Retrieval
  - a. Text
    - 1) Formatted
    - 2) Unformatted
  - b. Numerical
  - c. Signals
    - 1) Digital
    - 2) Analog, etc.

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**21. Predictive Calculations**

- a. Indications
- b. Warning
- c. Estimates, etc.

**22. Planning**

- a. Simulation
- b. System Design
- c. Financial
- d. Contingency and/or Operations
- e. Targetting
- f. Penetration

**23. Teaching**

- a. Language
- b. Techniques
- c. Concepts
- d. Analysis, etc.

**24. Problem Solving**

- a. Intelligence Analyses
- b. Inductive Processes
- c. Inferential Decision-Making
- d. Fragmentary Data Analysis
- e. Attack Assessment
- f. Strike Assessment, etc.

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**B. Classification by Source Data Type**

**1. Textual**

- a. Free Text
- b. Unformatted but Subject Oriented
- c. Formatted
- d. Code

**2. Numerical**

- a. Code
- b. Encrypted
- c. Straight (Non-code and Non-encrypted)

**3. Alphanumeric  
(Combination of 1 & 2 above)**

**4. Visual Data**

- a. Photographs
- b. I. R.
- c. SLAR
- d. Radar Returns
- e. Diagrams
- f. Charts and Graphs
- g. Maps
- h. Oscillograms
- i. Finger Prints
- j. Spectograms

**5. Electronic Signals**

- a. Telemetry
  - 1) Externals
  - 2) Internals
- b. Radar
- c. Wide-Band
- d. Narrow-Band
- e. Physiological Indicators, etc.

**6. Acoustic**

- a. Voice of Speech
- b. Sonar
- c. Seismic
- d. Low Frequency Special Systems, etc.

**7. Documents**

**(Here the document itself is to be handled as an entity  
with the information it contains being of no interest)**

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- a. Books, Reports, Papers
- b. Messages
- c. Film Reels
- d. Film Chips
- e. Magnetic Tapes
- f. Paper Tapes
- g. Maps & Charts.

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